



TULSIRAMJI GAIKWAD-PATIL College of Engineering and Technology

Wardha Road, Nagpur-441108
Accredited with NAAC A+ Grade

Approved by AICTE, New Delhi, Govt. of Maharashtra

(An Autonomous Institution Affiliated to RTM Nagpur University)



Department of CSE (Data Science)

B. Tech VI Semester in CSE (Data Science)

Course Name: BDS3608

PEC-III Convolution Neural Network

Course Outcomes		Cognitive Level
After the completion of this course, students will be able to-		
BDS3608.1	Understand image recognition and classification.	2
BDS3608.2	Design spatial hierarchies of features through a backpropagation algorithm.	6
BDS3608.3	Understand converts all the pixels in its receptive field into a single value.	2
BDS3608.4	Compare the three signals of interest: the input signal, the output signal, and the impulse response.	2
BDS3608.5	Apply probability, statistics, acoustics, spectroscopy, signal processing and image processing, geophysics, engineering, physics, computer vision and differential equations.	3